

PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re application of

Attorney Docket Q64735

Joannes Mathilda Josephus SEVENHANS, et al.

Appln. No. Not Assigned

Group Art Unit: Not Assigned

Confirmation No.: Not Assigned

Examiner: Not Assigned

Filed: May 16, 2001

For: MULTIPLIER ARRANGEMENT, SIGNAL MODULATOR AND TRANSMITTER

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicants hereby notify the U.S. Patent and Trademark Office of the documents which are listed on the attached Form PTO-1449 and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, along with a copy of the corresponding Communication from a Foreign Patent Office.

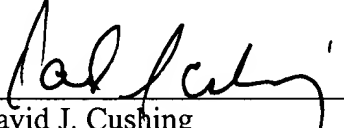
The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date for an application other than a continued prosecution application (CPA) under §1.53(d); (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a

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request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,



David J. Cushing
Registration No. 28,703

SUGHRUE, MION, ZINN,
MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.
Washington, D.C. 20037-3213
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

Date: May 16, 2001

Form PTO-1449 (Rev. 2-32)		U.S. Department of Commerce Patent & Trademark Office		Atty. Docket No. Q64375		Serial No.: Confirmation No.: Not Assigned	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicant: Joannes Mathilda Josephus SEVENHANS, et al.			
				Filing Date: May 16, 2001		Group: Not Assigned	
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)
		4,726,039	02/16/88	Piesinger			
FOREIGN PATENT DOCUMENTS							
		Document	Date	Country	Class	Sub-class	Translation Yes/No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Jan Sevenhans et al, "Trends in silicon radio Large Scale Integration: Zero IF Receiver! Zero & Q Transmitter! Zero Discrete Passives!, TOPICS IN CIRCUITS FOR COMMUNICATIONS, IEEE COMMUNICATIONS MAGAZINE, January 2000, Vol. 38, No. 1, pp. 142-147					
		T. Tsukahara et al, "A 2V 2GHZ-SI Bipolar Direct-Conversion Quadrature Modulator", IEEE INTERNATIONAL SOLID STATE CIRCUITS CONFERENCE, Vol. 37, 16 February 1994, pp. 40-41, 306 XP000507053					
		A. Boveda et al, "A 0.7-3 GHZ GAAS QPSK/QAM Direct Modulator", IEEE JOURNAL OF SOLID-STATE CIRCUITS, Vol. 28, No. 12, December 1993, pp. 1340-1349, XP000435908					
		K. Feher et al, 'Constant Envelope Bandlimited BPSK Signal', IEEE TRANSACTIONS ON COMMUNICATIONS, Vol. COM-28, No. 6, June 1980, pp. 889-897, XP000758583					
EXAMINER:				DATE CONSIDERED:			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.							